

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

#3

LDT

2-15-02

Dkt. No.:	5181-75400
Client Ref. No.:	P5382
Inventor(s):	Lee & Rettberg
Serial No.:	09/851,299
Filing Date:	May 7, 2001
Examiner:	S. Latimer
Group Art Unit:	2151
Title:	ROUTING SCHEME USING PREFERRED PATHS IN A MULTI- PATH INTERCONNECTION FABRIC IN A STORAGE NETWORK

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## CERTIFICATE OF FIRST CLASS MAIL

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Robert C. Kowert

Name of Registered Representative

Jan. 2 2002  
Date

Signature

**POWER OF ATTORNEY BY ASSIGNEE  
AND REVOCATION OF PREVIOUS POWERS**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir/Madam:

SUN MICROSYSTEMS, INC., ("assignee"), a Delaware corporation having a place of business at 901 San Antonio Road, Palo Alto, California 94303, certifies that to the best of assignee's knowledge and belief it is the assignee of the entire right, title, and interest in and to the above-referenced patent and represents that the undersigned is a representative authorized and empowered to sign on behalf of the assignee.

Assignee has reviewed the assignment documents that evidence the placement of title in the assignee, true and correct copies of which are attached hereto, and understands and believes that these assignment documents have been submitted for recordation in the U.S. Patent and Trademark Office.

Pursuant to 37 C.F.R. §1.36 and 3.71, the assignee hereby revokes all powers of attorney previously given and appoints

Kenneth Olsen  
Timothy J. Crean  
Alexander E. Silverman  
Anirma R. Gupta  
Sean P. Lewis  
Michael J. Schallopp  
Noreen A. Krall  
Bernice B. Chen  
Richard J. Lutton, Jr.  
Marc D. Foodman  
Monica D. Lee  
Pavel Pogodin  
Naren Chaganti  
Elaine K. Lee

Reg. No. 26,493  
Reg. No. 37,116  
Reg. No. 37,940  
Reg. No. 38,275  
Reg. No. 42,798  
Reg. No. 44,319  
Reg. No. 39,734  
Reg. No. 42,403  
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Ramin Aghevli	Reg. No. 43,462
Andrew C. Chen	Reg. No. 43,544
Jeffrey L. Myers	Reg. No. 44,252

*each of said attorneys being employed by Sun Microsystems; and*

Mark Brightwell	Reg. No. 47,446
Kevin L. Daffer	Reg. No. 34,146
Mark R. DeLuca	Reg. No. 44,649
Jeffrey C. Hood	Reg. No. 35,198
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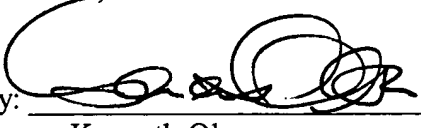
*each of said attorneys or agents being a member or an associate of the firm of Conley, Rose & Tayon, P.C., as attorney or agent for so long as they remain with such company or firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent.*

Pursuant to 37 C.F.R. §3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

Send all future correspondence to: Robert C. Kowert  
CONLEY, ROSE & TAYON, P.C.  
P.O. Box 398  
Austin, Texas 78767-0398  
(512) 476-1400

Assignee of Interest: SUN MICROSYSTEMS, INC.  
M/S PAL 01-521  
901 San Antonio Road  
Palo Alto, CA 94303

Dated: November 8, 2001

By:   
Name: Kenneth Olsen  
Reg. No.: 26,493  
Title: Vice President, Intellectual Property



OCTOBER 19, 2001



5181-45400  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
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OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/13/2001

REEL/FRAME: 012072/0873  
NUMBER OF PAGES: 4

BRIEF: CORRECTIVE ASSIGNMENT TO CORRECT THE INVENTOR'S NAME PREVIOUSLY RECORDED ON REEL 011790, FRAME 0853.

ASSIGNOR:  
LEE, WHAY S.

DOC DATE: 01/29/2001

ASSIGNOR:  
RETTBERG, RANDALL D.

DOC DATE: 04/22/2001

ASSIGNEE:  
SUN MICROSYSTEMS, INC.  
901 SAN ANTONIO ROAD  
PALO ALTO, CALIFORNIA 94303

SERIAL NUMBER: 09851299  
PATENT NUMBER:

FILING DATE: 05/07/2001  
ISSUE DATE:

SHARON LATIMER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

OCT 25 2001

08-20-2001

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

P5382



101816030

py thereof.

9.1301

To the Honorable Commissioner of Patents and Trademark

1. Name of conveying party(ies):

Whay S. Lee  
Randall D. Rettberg

Additional name(s) of conveying party(ies) attached? ☐ yes ☒ no

2. Name and address of receiving party(ies):

Name: Sun Microsystems, Inc.

Internal Address: \_\_\_\_\_

Street Address: 901 San Antonio Road

City Palo Alto State CA ZIP 94303

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment  
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☐ Security Agreement  
☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 1/29/01 and 4/22/01

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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of this application is: 1/29/01 and 4/22/01

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

09 85 299

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert C. Kowert

Internal Address: Conley, Rose & Tayon, P.C.

Street Address: P.O. Box 398

City Austin State TX ZIP 78767-0398

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): .....\$ 40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number: 501505/5181-

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9. Statement and Signature.

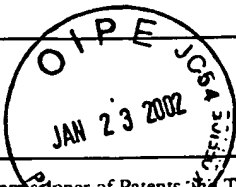
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert C. Kowert  
Name of Person Signing  
Reg. No. 39,255

[Signature]  
Signature

Aug 9, 2001  
Date

Total number of pages: 3



05-16-2001



101717651

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

P5382

To the Honorable Commissioner of Patents and Trademarks, please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

What S. Lee  
Randall D. Rettberg

Additional name(s) of conveying party(ies) attached? ☐ yes ☒ no

2. Name and address of receiving party(ies):

Name: Sun Microsystems, Inc.

Internal Address: \_\_\_\_\_

Street Address: 901 San Antonio Road

City Palo Alto State CA ZIP 94303

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 1/29/01 and 4/22/01

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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of this application is: 1/29/01 and 4/22/01

A. Patent Application No.(s)

B. Patent No.(s)

09/851299 Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert C. Kowert

Internal Address: Conley, Rose & Tayon, P.C.

Street Address: P.O. Box 398

City Austin State TX ZIP 78767-0398

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): .....\$ 40.00

- ☐ Enclosed  
☒ Fee Authorization Enclosed

8. Deposit account number: 501505/5181-75400/RCK  
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*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Robert C. Kowert  
Name of Person Signing  
Reg. No. 39,255

[Signature]  
Signature

May 7, 2001  
Date  
Total number of pages: 3

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to SUN MICROSYSTEMS, INC. (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at 901 San Antonio Road, Palo Alto, California 94303 their entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled, ROUTING SCHEME USING PREFERRED PATHS IN A MULTI-PATH INTERCONNECTION FABRIC IN A STORAGE NETWORK, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

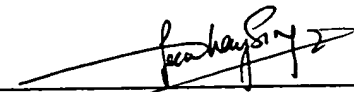
AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

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5181-75400  
P5382

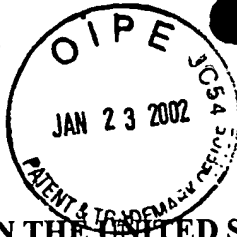
COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature)  Date: January 29, 2001  
Name: Whay S. Lee

(Signature)  Date: April 22, 2001  
Name: Randall D. Rettberg

Robert C. Kowert  
Conley, Rose & Tayon, P.C.  
P.O. Box 398  
Austin, TX 78767-0398

\$0.



**PATENT**  
**(5181-75400)**

**Document ID No.: 101717651A**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 09/851,299  
Filed: May 7, 2001  
Inventor(s):  
Whay S. Lee  
Randall D. Rettberg

Examiner: Jeevon Jones  
Group/Art Unit: 2151  
Atty. Dkt. No: 5181-75400

Title: Routing Scheme Using  
Preferred Paths in a Multi-  
Path Interconnection Fabric  
in a Storage Network

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Robert C. Kowert

Name of Registered Representative

Signature

Date

Aug 9 2001

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1213 Jefferson Davis Hwy., St. 320  
Washington, D.C. 20231

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Sir:

The official Notice of Recordation received by our office on August 3, 2001, lists the inventor's name as What S. Lee. However, the correct name is Whay S. Lee. I have provided a copy of the Notice of Recordation with the change noted thereon. Applicants respectfully request that this change be made and a corrected Notice of Recordation be reissued in the above-identified application.

Respectfully submitted,

Robert C. Kowert

Reg. No. 39,255

Attorney for Applicant(s)

Conley, Rose & Tayon  
P.O. Box 398  
Austin, Texas 78767-0398  
(512) 476-1400





5181-75400 *m*  
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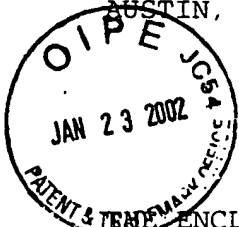
JULY 30, 2001

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ROBERT C. KOWERT  
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AUSTIN, TX 78767-0398



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RECORDATION DATE: 05/07/2001

REEL/FRAME: 011790/0853  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR: *WHAY*  
LEE, ~~WHAY~~ S.

DOC DATE: 01/29/2001

ASSIGNOR:  
RETTBERG, RANDALL D.

DOC DATE: 04/22/2001

ASSIGNEE:  
SUN MICROSYSTEMS, INC.  
901 SAN ANTONIO ROAD  
PALO ALTO, CALIFORNIA 94303

SERIAL NUMBER: 09851299  
PATENT NUMBER:

FILING DATE: 05/07/2001  
ISSUE DATE:

JEEVON JONES, EXAMINER  
ASSIGNMENT DIVISION  
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AUG 3 2001

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Randall D. RettbergAdditional name(s) of conveying party(ies) attached? ☐ yes ☒ no

## 2. Name and address of receiving party(ies):

Name: Sun Microsystems, Inc.

Internal Address: \_\_\_\_\_

Street Address: 901 San Antonio RoadCity Palo Alto State CA ZIP 94303Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of Conveyance:

- ☒ Assignment  
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☐ Other \_\_\_\_\_

Execution Date: 1/29/01 and 4/22/01

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of this application is: 1/29/01 and 4/22/01

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert C. KowertInternal Address: Conley, Rose & Tayon, P.C.Street Address: P.O. Box 398City Austin State TX ZIP 78767-03986. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): .....\$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number: 501505/5181-

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Reg. No. 39,255

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Date

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1. Name of conveying party(ies):

What S. Lee  
Randall D. Rettberg

Additional name(s) of conveying party(ies) attached? ☐ yes ☒ no

2. Name and address of receiving party(ies):

Name: Sun Microsystems, Inc.

Internal Address: \_\_\_\_\_

Street Address: 901 San Antonio Road

City Palo Alto State CA ZIP 94303

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☐ Other \_\_\_\_\_

Execution Date: 1/29/01 and 4/22/01

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4. Application number(s) or patent number(s):

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A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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Name: Robert C. Kowert

Internal Address: Conley, Rose & Tayon, P.C.

Street Address: P.O. Box 398

City Austin State TX ZIP 78767-0398

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

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☒ Fee Authorization Enclosed

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Robert C. Kowert  
Name of Person Signing  
Reg. No. 39,255

[Signature]  
Signature

May 7, 2001  
Date

Total number of pages: 3

OMB No. 0651-011 (exp.4/94)